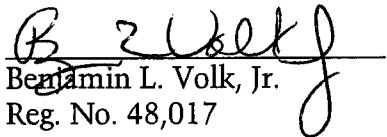


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF E-FILING**

I hereby certify that this correspondence has been e-filed with the U.S. Patent and Trademark Office on Monday October 25, 2010.

  
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Reg. No. 48,017

In re application of: Chamberlain et al.	:	
Serial No.: 10/550,323	:	Examiner: Fleurantin, Jean B.
Filed: September 1, 2006	:	Group Art Unit: 2162
For: Intelligent Data Storage and Processing	:	
Using FPGA Devices	:	

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Amendment and Response A**

In response to the Office Action dated June 24, 2010, Applicant submits the following amendment and remarks. Also accompanying this response is a Petition for an Extension of Time (1 Month) and the corresponding fee.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 26 of this paper.